

45th Annual Transportation Conference Bridge Design Competition

Software

West Point Bridge Designer 2002 - Version 5.04

Structure Configuration

Two span continuous deck truss with low concrete pier.
40m bridge length. Span 1 – 16m, span 2 – 24m.
All members are initially of the same material, section and size.

Competition Rules

Teams are required to do their own work. No collaboration with anyone outside the team.
Maximum design time 30 minutes.
No changes to structure geometry (adding/deleting/moving joints/members).
Any or all members may be modified for material, section and/or size.
Winner is based on the least total cost.

Tie Breakers

1. Lowest number of design iterations
2. Quickest design time.

